

Supporting Information

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A Convenient and Highly-Tunable Way to N-Type Carbon Nanotube Thermoelectric Composite Film Using Common Alkylammonium Cationic Surfactant

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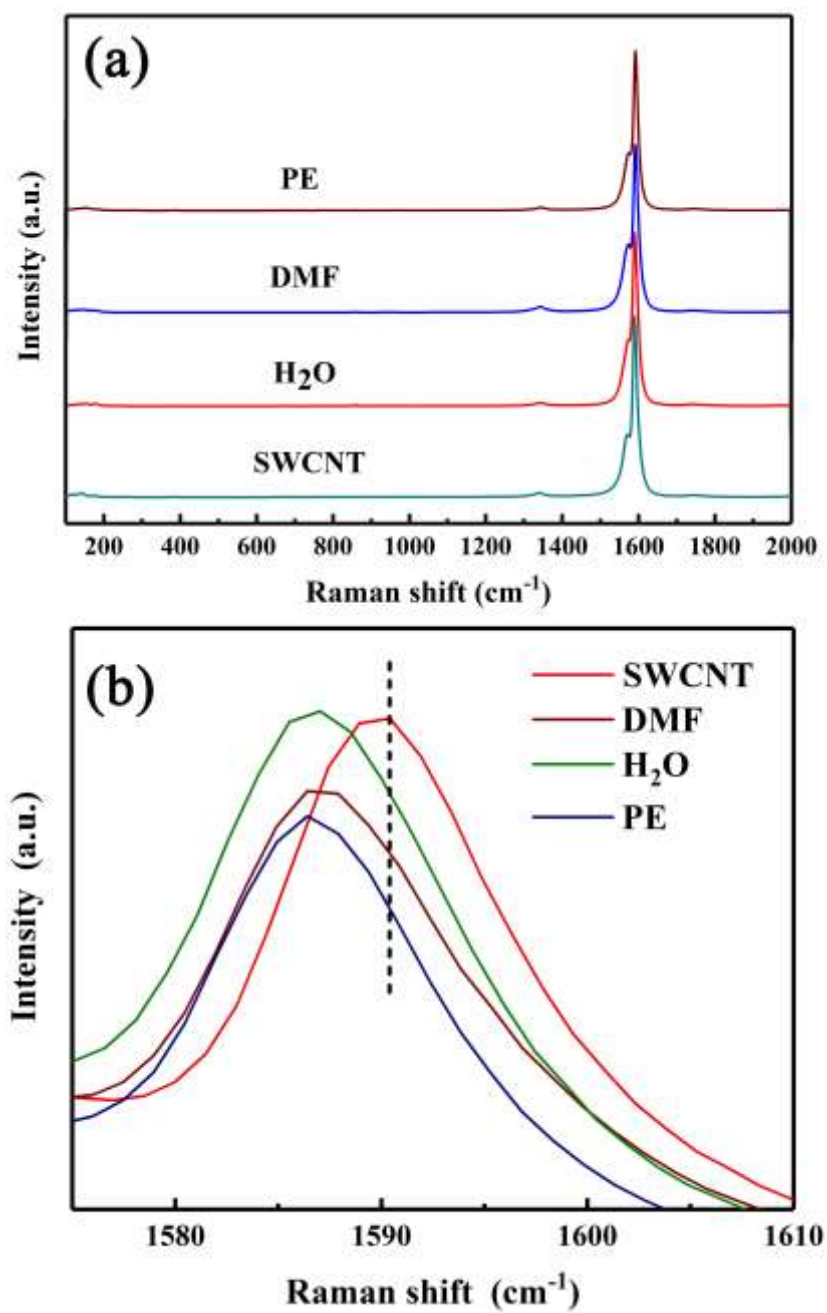


Figure S1. Raman spectra of the undoped SWCNT and the CTAB-doped SWCNTs prepared in H₂O, DMF and PE, respectively.

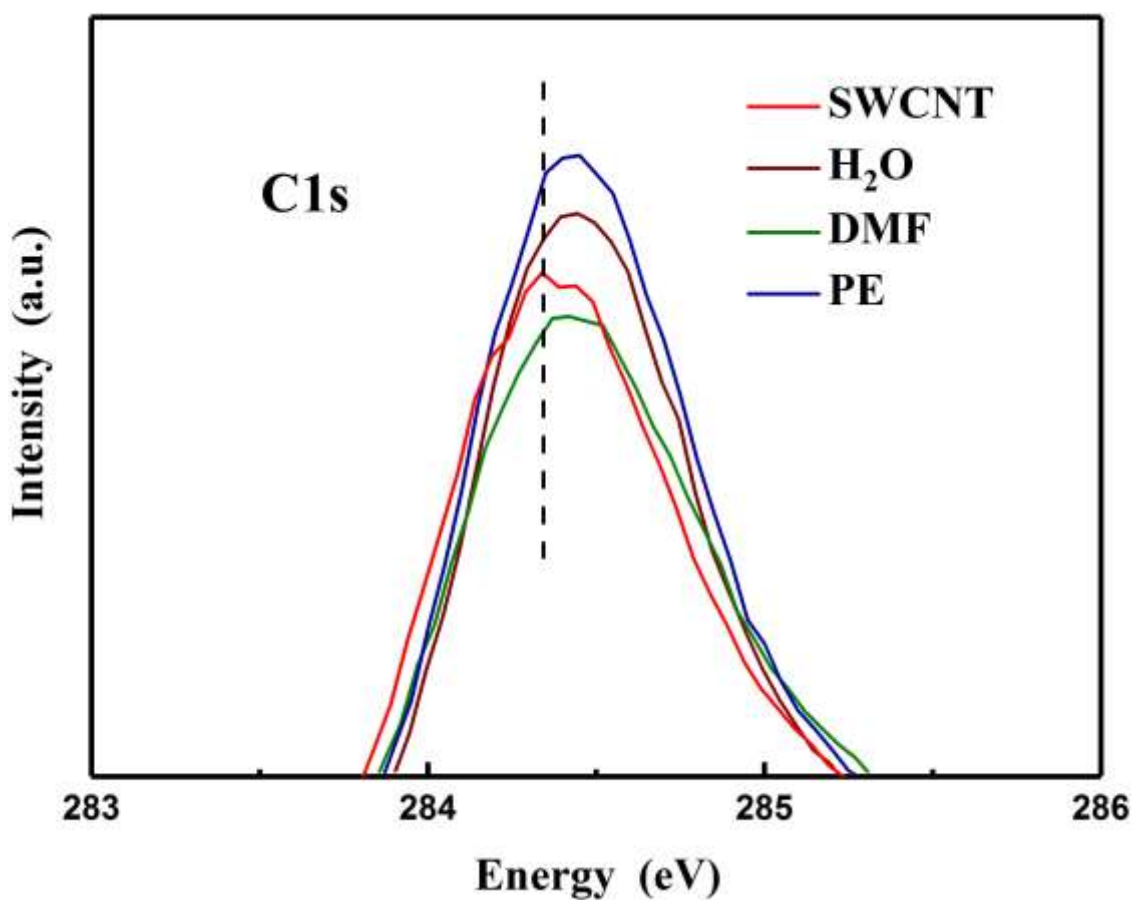


Figure S2. XPS spectra of the undoped SWCNT and the CTAB-doped SWCNTs prepared in H₂O, DMF and PE, respectively.

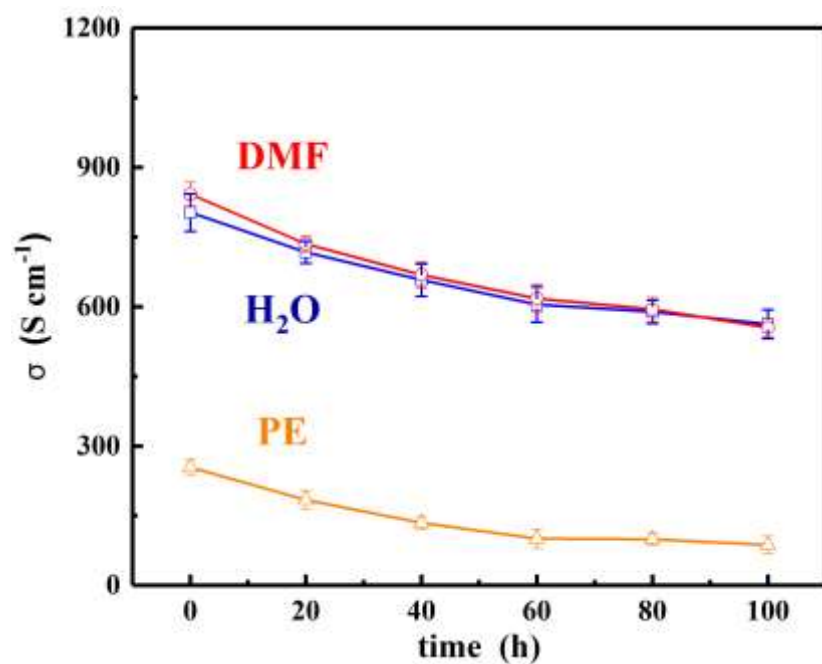


Figure S3. Air stability of the electrical conductivity for the CTAB-doped SWCNTs prepared in H₂O, DMF and PE, respectively.